

Title:	Hazard Vulnerability and Consequence Analysis: Building Sustainable Communities
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Hazards Examined:	Multi-hazard
Study emphasis:	Vulnerability Analysis, Economic Development, Disaster Preparedness, Disaster Response and/or Disaster Reconstruction Application
Summary:	<p>An assessment of the impact of a hazard on a community provides information on the immediate consequences of a hazard event. The capacity of a community to recover from a disaster is a reflection of social, economic, and environmental indicators. Communities with high unemployment, environmental contamination, and social problems are at a significant disadvantage to respond and recover from a disaster. Communities with a stable transportation, utility, and communication infrastructure are in a far better position to cope with disaster. Effective disaster response is based on strong educational, health, political, and social systems. Communities that are experiencing economic crisis, social disorder, and political unrest may find it difficult if not impossible to cope with disaster. An understanding of the nature and characteristics of hazards and disasters is essential to the short and long term sustainability of a community.</p>
Vulnerability Indicators:	Unemployment Rate, Crime Rate, Pre-mature Birth Rate, School Drop-out Rate, Average Income, Recreation to Population Ratio, and Autos to Population Ratio
Data Requirements:	Employment, Census Bureau, education, parks and recreation, health care, and economic data.

Output: Community Profiles reflecting social, economic, and environmental indicators.

Results of Application at Case Study Site:

Lessons Learned:

URL(s) or bibliographical references to/for publications about your case study:

<http://www.risk.lsu.edu>

For more information on this case study, please contact the author.